



# PATENT ABSTRACTS OF JAPAN

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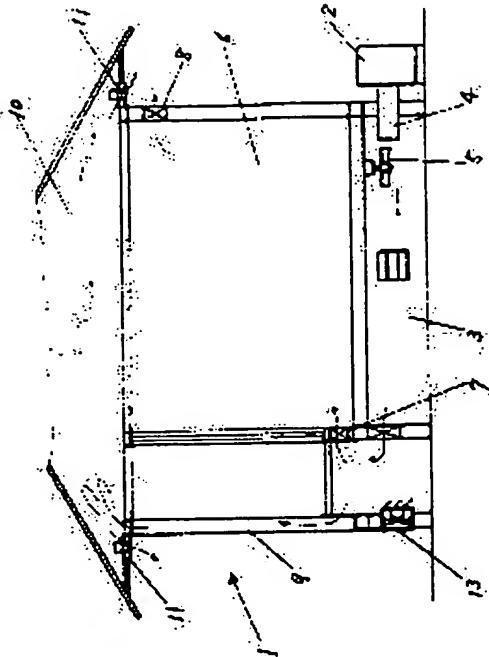
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## (54) COOLING METHOD

(57) Abstract:

**PURPOSE:** To promote a ventilation of air in a hollow wall and in an attic, to efficiently exhaust the humidity, and to prevent the corrosion of house-building materials, by feeding cool air to the hollow wall from the portion under the floor by means of a cooler mounted at the outdoor of a house.

**CONSTITUTION:** A duct 4 extends toward the portion 3 under the floor from a cooler 2 mounted at the outdoor of a house 1. A cooled air is fed to the portion under the floor as said air is agitated by means of an agitating vane 5 located at the end of the duct 4, said cooled air in the portion under the floor being fed to each room through a draft port 7. The cooled air is exhausted after cooling each room. A wall is constituted to form a hollow wall 9 so that the portion 3 under the floor and an attic 10 are connected together therethrough. The cooling air in the portion under the floor is fed to the attic 10, said air being exhausted by means of a ventilating fan 11. With this constitution, every room is uniformly cooled, the humidity in the hollow wall 9 and the attic 10 also being efficiently exhausted. Thus, the deterioration and corrosion of housing materials due to



white ants can be prevented, and as a result. the life of the house can be prolonged.

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